



FORM PTO-1229/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/783,020		ATTY. DOCKET NO.: A0870.70000US00	
				FILING DATE: February 23, 2004		CONFIRMATION NO.: 3753	
				APPLICANT: Collins et al.			
				GROUP ART UNIT: 1651		EXAMINER: Vera Afremova	
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U.S. PATENT DOCUMENTS

Examiner's Initials [#]	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
VA	A15	2002-0006432	A1	Collins et al.	01-17-2002
VA	A16	2003-0170217	A1	Collins et al.	09-11-2003
VA	A17	2003-0215467	A1	Collins et al.	11-20-2003

FOREIGN PATENT DOCUMENTS

Examiner's Initials [#]	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials [#]	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
VA	C152	Yildirim et al., "Characterization and antimicrobial spectrum of bifidocin B, a bacteriocin produced by Bifidobacterium bifidum NCFB 1454," J Food Prot, 61(1):47-51, (1998). Abstract Only.	

EXAMINER: <i>V. Afremova</i>	DATE CONSIDERED: <i>8-10-2006</i>
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[#] EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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filed on 6/12/2006

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✓A	A1	4,347,240		Mutai et al.	08-31-1982
↑	A2	4,435,389		Mutai et al.	03-06-1984
	A3	5,032,399		Gorbach et al.	07-16-1991
	A4	5,443,826		Borody	08-22-1995
	A5	5,711,977		Yang et al.	01-27-1998
	A6	5,834,423		Koketsu et al.	11-10-1998
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	A8	6,025,008		Akahoshi et al.	02-15-2000
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	A12	6,645,530		Borody	11-11-2003
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✓A	A14	2006-0002908	A1	Collins et al.	01-05-2006

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		Office/ Country	Number	Kind Code			
✓A	B1	EP	0 384 319	B1	VISKASE CORPORATION	04-28-1999	
↑	B2	EP	0 508 701	B1	QUEST INTERNATIONAL B.V.	07-10-1996	
	B3	EP	0 904 784	A1	N.V. NUTRICIA	03-31-1999	
	B4	EP	1 312 667	A1	WAKAMOTO PHARMACEUTICAL CO., LTD.	05-21-2003	
	B5	GB	1 503 094		NISSHIN FLOUR MILLING CO. LTD.	03-08-1978	
	B6	JP	9241173		WAKAMOTO PHARMACEUT CO.	09-16-1997	Y-Abstract
	B7	RU	2 091 075	C1	GNII GENETIKI I SELEKTSII PROM	09-27-1997	Y-Abstract
	B8	RU	2 109 054	C1	MOSKOVSKIJ	04-20-1998	Y-Abstract
✓A	B9	WO	89/05849	A1	CHR. HANSEN'S LABORATORIUM	06-29-1989	
	B10	WO	90/01335	A1	THOMAS BORODY	02-22-1990	

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✓	B11	WO	90/09398	A1	BIOINVENT INTERNATIONAL AB	08-23-1990	
✓	B12	WO	97/35596	A1	ABBOTT LABORATORIES	10-02-1997	
✓	B13	WO	98/00035	A1	CAVALIERE VED. VESELY	01-08-1998	
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✓	C1	Adachi, Susumu, "Lactic Acid Bacteria and the Control of Tumours," The Lactic Acid Bacteria, 1:233-261, (1992).	
✓	C2	Anand et al., "Antibacterial Activity Associated with Bifidobacterium bifidum - II," Cult. Dairy Prod, pages 21-23, (1985). (Attached copy is missing 1 page)	
✓	C3	Arai et al., "Cytokines: Coordinators of Immune and Inflammatory Responses," Annual Rev. Biochem., 59:783-836, (1990).	
✓	C4	Aranda et al., "Analysis of Intestinal Lymphocytes in Mouse Colitis Mediated by Transfer of CD4 ⁺ , CD45RB ^{high} T Cells to SCID Recipients ¹ ," Jour. of Immunology, 158(7):3464-3473, (1997).	
✓	C5	Arihara, et al., "Salivacin 140, a novel bacteriocin from Lactobacillus salivarius subsp. salicinius T140 active against pathogenic bacteria," Letters in Applied Microbiology, 22:420-424, (1996).	
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✓	C7	Blum et al., "Adhesion studies for probiotics: need for validation and refinement," Trends in Food Science & Technology, 10:405-410 (1999).	
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✓	C9	Bouhnik et al., "Survie et effets chez l'homme des bactéries ingérées dans less laits fermentés," LAIT, 73:241-247, (1993).	Y-Abstract
✓	C10	Brandtzaeg et al., "Immunopathology of human inflammatory bowel disease," Springer Semin Immunopath, 18:555-589, (1997).	
✓	C11	Brink et al., "Antimicrobial activity of lactobacilli: preliminary characteristization and optimization of production of acidocin B a novel bacteriocin produced by Lactobacillus acidophilus M," Jour. of Applied Bacteriology, 77:140-148, (1994).	
✓	C12	Brzuszcak et al., "Cyclic AMP-dependent anion secretion in human small and large intestine," Jour. of Gastroenterology and Hepatology, 11:804-810, (1996).	

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VA	C13	Charteris et al., "Antibiotic susceptibility of potentially probiotic Bifidobacterium isolates from the human gastrointestinal tract," Letters in Applied Microbiology, 26:333-337, (1998).	
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	C22	Collins et al., "Probiotics and Man – The Host Microbe Interface," Gastroenterology, 116(4):1 page, (1999). Abstract G2982.	
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	C27	Collins, J.K., "Probiotics and Inflammatory Bowel Disease: Animal Models," Functional Food Research in Europe, page 124, (1998).	
	C28	Cong et al., "Genes, Bacteria, and T Cells: Ingredients for Inflammatory Bowel Disease," Gastroenterology, 115:1595-1596, (1998). (Summary by Shanahan, O'Sullivan, and Collins)	
	C29	Crabbe et al., "The Normal Microbial Flora as a Major Stimulus for Proliferation of Plasma Cells Synthesizing IgA in the Gut," Int. Arch. Allergy 34:362-375, (1968).	
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	C43	Gahan et al., "Innate resistance to Listeria monocytogenes in tumor-bearing mice," Jour. of Leukocyte Biology, 62:726-732, (1997).	
	C44	Ganguly et al., "Mechanism of action of cholera toxin & other toxins," Indian J. Med. Res., 104:28-37, (1996).	
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	C48	Gardiner et al., "Influence of a Probiotic Adjunct Culture of Enterococcus faecium on the Quality of Cheddar Cheese," J. Agric. Food Chem., 47:4907-4916, (1999).	
	C49	Gardiner et al., "Preparation of Spray Dried Powders Harboring High Levels of Probiotic Lactobacilli," Sixth Symp. on Lactic Acid Bacteria, Abstract J29, (1999).	
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✓A	C51	Gatanaga et al., "Purification and characterization of an inhibitor (soluble tumor necrosis factor receptor) for tumor necrosis factor and lymphotoxin obtained from the serum ultrafiltrates of human cancer patients," Proc. Natl. Acad. Sci, 87:8781-8784, (1990).	
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	C61	Isolauri et al., "Oral Bacteriotherapy for Viral Gastroenteritis," Digestive Diseases and Sciences, 39(12):2595-2600, (1994).	
	C62	Jinggang, Lan, "Immunopotentiating Activity of Bifidobacterium and Its Significance," For. Med. Sci., Clinic Biochem & Med Test, 19(5):231-233, (1998).	Y
	C63	Jong, S.C., "Probiotics for Humans and Animals," ATCC Quarterly Newsletter, 13(1):1-4, (1993).	
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	C65	Kato et al., "Suppressive Effects of the Oral Administration of Lactobacillus Casei on Type II Collagen-Induced Arthritis in DBA/1 Mice," Life Sciences, 63(8):635-644, (1998).	
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	C67	Kim et al., "The Properties of Bifidobacteria Isolated from Korean," Korean Journal of Dairy Science, 20(3):191-204, (1998).	Y-Abstract
	C68	Kim, Hyung, "Characterization of Lactobacilli and Bifidobacteria as applied to Dietary Adjuncts ¹ ," Cultured Dairy Products Journal, pages 6-9, (1988).	
	C69	Klaenhammer, Todd, "Genetics of bacteriocins produced by lactic acid bacteria," FEMS Microbiology Rev., 12:39-86, (1993).	
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✓	C72	Lamm et al., "Interaction of antigens and antibodies at mucosal surfaces," Ann Rev Microbiol, 51:311-40, (1997). (Previously cited as Ramos et al.)	
↑	C73	Lee et al., "The coming of age of probiotics," Trends in Food Science & Technology," 6:241-245, (1995).	
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	C75	Leonard, et al., "Regulation of the Inflammatory Response in Animal Models of Multiple Sclerosis by Interleukin-12," Critical Reviews in Immunology, 17:545-553, (1997).	
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	C82	Mattila-Sandholm, et al., "Probiotics: towards demonstrating efficacy," Trends in Food Sci & Tech., 10:393-399, (1999).	
	C83	McBrearty et al., "Probiotic Bifidobacteria and Their Identification Using Molecular Genetic Techniques," Proc. of British Nutritional Foundation, pages 97-107, (2000).	
	C84	McCracken, et al., "Probiotics and the Immune System," Probiotics a Critical Review, pages 85-113, (1999).	
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	C86	McGee et al., "A synergistic relationship between TNF- α , IL-1 β , and TGF- β 1 on IL-6 secretion by the IEC-6 intestinal epithelial cell line," Immunology, 86:6-11, (1995).	
	C87	Medaglini et al., "Mucosal and systemic immune responses to a recombinant protein expressed on the surface of the oral commensal bacterium <i>Streptococcus gordonii</i> after oral colonization," Proc. Natl. Acad. Sci, 92:6868-6872, (1995).	
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P66879US3
 SERIAL NO.: 10/783020
 APPLICANT(S): COLLINS

GROUP ART UNIT: 1651
 FILING DATE: February 23, 2004
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